

REHABILITATE SCIENCE BUILDING #1

State University of New York at Oneonta

Owner: State University of New York

Contact: Ms. Susan DeSimone, P.E., (518) 689-2587

Budget: \$5.4 Million (\$1.5 Million Plumbing & Fire Protection)

Completed: 2007

Key Project Elements:

- ◆ Renovations to existing structure
- ◆ Educational lab renovation
- ◆ Plumbing Design
- ◆ Fire Protection Design
- ◆ Cost Estimates
- ◆ Construction Documents
- ◆ Construction Administration



ONEONTA, NY — Plumb Engineering, P.C. was retained as a sub-consultant to provide project design for plumbing and fire protection as well as construction administration for this important renovation to Science Building 1 at SUNY Oneonta.

Science Building 1 is a 78,000 square foot classroom building with a one store lecture hall wing and a three story classroom and laboratory wing. The renovations were needed to upgrade antiquated systems that were at or near the end of their useful life.

The Plumbing design includes the following:

- Replaced water pressure reducing valve
- Provided backflow prevention for domestic water services
- Replaced steam hot water converter
- Upgraded emergency eyewash and shower stations in the labs
- Replaced acid waste piping in the labs
- Provided ICC/ANSI A117.1-1998 compliant accessible drinking fountains

In addition, the fire protection design similarly updates or replaces outdated systems to bring the building into compliance with code.

Plumb's design and cost estimate were completed on time and within budget under the restrictions of a very tight project schedule. The three lowest bids on this \$5.4 million project were within \$47,000 of each other, and the low bids were 10% below the estimate.



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